Message

From: Markiewicz, Karl [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A9AF7EAACBCB41D8A469EB1F11183AD6-KMARKIEW]

Sent: 10/26/2017 5:25:55 PM

To: Werner, Lora [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=921f9f156035403fa605c142a287cc1a-Lwerne02]; Helverson, Robert

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=e96005a319744540a11a1aed352395d1-Rhelvers]

Subject: RE: Parkersburg, WV

Some suggested changes:

2nd paragraph:

<u>Based on CTEH collected data</u>, levels of $PM_{2.5}$ and PM_{10} seem to be decreasing from the first recorded readings (10/23) to date. No air sampling data has been made available. Below are the trends in the <u>real-time</u> air monitoring. <u>EPA R3 has also collected air monitoring data and will share it following QA/QC procedures.</u>

Next to last paragraph:

Over the past couple of days, the combustion is becoming less efficient and less energetic. The smoke is hugging the ground and there seems to be more particulate matter in the air around the fire site. The spikes last longer and are more frequent. The hazard going forward may be greater until the fire is extinguished. So while the shelter in place and avoidance advice over a broad area provided by Woods County Health and EPA was appropriate, <u>additional</u> environmental data is needed to evaluate areas closer to the fire until it is extinguished to ensure that a shelter-in-place declaration is still the most appropriate and health protective action.

Data Limitations and Uncertainty section should be added.

From: Werner, Lora

Sent: Thursday, October 26, 2017 12:54 PM

To: Markiewicz, Karl < Markiewicz. Karl@epa.gov>; Helverson, Robert < Helverson.Robert@epa.gov>

Subject: Fwd: Parkersburg, WV

Going to look at now.

Sent from my iPhone

Begin forwarded message:

From: "Edge, Charles (ATSDR/DTHHS/OD)" < ibd7@cdc.gov>

Date: October 26, 2017 at 11:33:29 AM EDT

To: "Nickle, Richard (ATSDR/DTHHS/OD)" < ran2@cdc.gov >, "Holler, James S. (Jim) (ATSDR/DTHHS/OD)"

<jsh2@cdc.gov>

Cc: "Werner, Lora S. (CDC epa.gov)" <werner.lora@epa.gov>

Subject: Parkersburg, WV

Please take a look at this before I send out for clearance.

Charles